

The on-base pump and treat system (PTS) is dedicated to removing contaminated groundwater downgradient from the source area for the Operable Unit (OU) 6 east plume and capturing the east plume along the northern boundary of Hill Air Force Base (AFB).

1.1 Report Objectives

The objectives for this annual cost and performance report for the OU 6 on-Base PTS at Hill AFB are to:

- Summarize cost and performance parameters to provide the basis for future decision making regarding budget, operation, optimization, and timing for system decommissioning; and
- Provide project remediation data in accordance with the *Guide to Documenting Cost and Performance for Remediation Projects* (Environmental Protection Agency [EPA], 1995) for comparison to other remediation systems.

1.2 Significant Operational Results

Table 1-1 summarizes noteworthy results from the on-Base PTS during 2001 and compares system performance in 2001 to system performance in 2000.

**Table 1-1. Summary of Operational Data
Aeration Curtain**

Performance-Related Topic	2000 Results	2001 Results
Annual Operation Costs	\$45,288	\$42,738
Quantity of Groundwater Treated (gallons)	14,251,736	13,785,521
Average Quantity of Groundwater Treated per Month (gallons)	1,187,645	1,143,793
Cost of Groundwater Treated (1,000 gallons)	\$3.18	\$3.10
Quantity of TCE Removed (pounds)	9	7
Cost of TCE Removed (pounds)	\$5,285	\$6,181
System Up-Time (percent)	96.1%	94.8%
Comparison with Treatment Objectives	Met objectives	Met objectives
Comparison with Remedial Action Objectives	Met objectives	Met objectives

TCE trichloroethene